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December 24, 2003

ATTORNEY DOCKET NO. 08350.2480
CUSTOMER NO. 22,852

222390 U.S. PTO
10/743755



Mail Stop Patent Application

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

New U.S. Patent Application
Title: AUTOMATED MACHINE COMPONENT DESIGN TOOL
Inventors: Priyatosh Barman and Jose C. Lopez Dominguez

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. New Application (21 pages total) including: Specification (14 pages), Claims (6 pages, including 6 independent claims and 36 claims total), and Abstract (1 page).
2. Drawings - 3 sheets of drawings (Figures 1-3).
3. Fully executed Declaration and Power of Attorney.
4. Information Disclosure Statement and Information Disclosure Citation, PTO 1449 with 4 documents attached.
5. Recordation Form Cover Sheet and fully executed Assignment to Caterpillar Inc.
6. The filing fee is calculated as follows:



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HENDERSON
FARABOW
GARRETT &
DUNNER LLP

Basic Application Filing Fee				\$770	\$ 770.00
	Number of Claims		Basic	Extra Claims	
Total Claims	36	-	20	16	x \$18 288.00
Independent Claims	6	-	3	3	x \$86 258.00
<input type="checkbox"/> Presentation of Multiple Dep. Claim(s)				+\$290	
Subtotal					\$ 1316.00
Reduction by 1/2 if small entity					-
TOTAL APPLICATION FILING FEE					\$ 1316.00

7. A check for \$1316.00 is enclosed. The fee includes:

\$770.00 filing fee;
\$546.00.00 additional claims fee.

8. A check for \$40.00 is enclosed for the Assignment Recordation Fee.

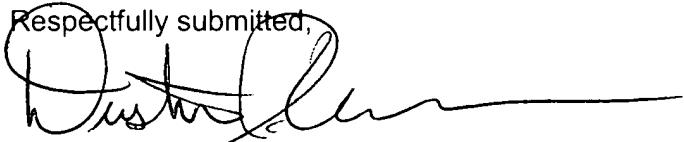
This application claims the benefit of U.S. Provisional Application No. 60/436,464 filed December 27, 2002.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

Please accord this application an application number and filing date.

The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or §1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

Dustin T. Johnson
Reg. No. 47,684